

DDS DIDACTIC SUMMER (DENU)

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DENU 1561 Principles of Pharmacology (1 Credit)

This course relates to the study of the basic principles of how the body responds to and reacts to administered agents. This course is composed of three subtopics: Pharmacodynamics, Pharmacokinetics, and Pharmacotherapeutics. 0-100 (DENT) Begin 2001D

DENU 1562 Local Anesthesia (1 Credit)

This course is essential for the performance of a great majority of the clinical procedures students use in treating patients throughout a career. The goal is for students to learn the pharmacology and toxicology of dental local anesthetic drugs and the proper techniques for their administration. 0-100 (DENT) Begin 2001D

DENU 1703 Oral and Maxillofacial Radiology I (1.5 Credits)

This course introduces students to the basic principles of oral and maxillofacial radiology. The radiographic examination plays an integral role in the diagnostic process in dentistry in conjunction with the clinical examination. Only those conditions and disease states which are detected by examination of the patient can be addressed. The preclinical laboratory sessions are designed to perfect the student's technical skills and familiarize them with the variability of normal radiographic anatomy. 0-100 (DENT) Begin 2001D

DENU 1704 Introduction to Clinic (1 Credit)

This course introduces students to the clinical environment and familiarizes them with the steps in doing a comprehensive exam. In addition, it allows students to develop and interpret basic diagnostic aids that enable them to arrive at a diagnosis and treatment outline. Students also become familiar with techniques used to perform a prophylaxis. This course guides students through the process necessary to collect information, interpret that information, and use it in formulating a diagnosis and develop a treatment plan. 0-100 (DENT) Begin 2001D

DENU 1721 Perio I: Introduction to Periodontology (1 Credit)

This course reviews and expands the student's knowledge regarding the biology of the healthy periodontium. It also introduces students to current classifications of periodontal diseases and fundamental knowledge of the epidemiology, etiology, microbiology and immunology of periodontal diseases. Basic information is integrated with necessary clinical skills to evaluate and diagnose all currently recognized forms of periodontal diseases. This includes the ability to recognize the less common forms of gingivitis and periodontitis and those systemic condition forms of which may influence the initiation, progression, or treatment of periodontal diseases. 0-100 (DENT) Begin 2001D

DENU 1931 Basic & Applied Nutrition (1 Credit)

This course helps students acquire a basic understanding of human nutrition in the context of oral health and disease. It is recognized that the oral cavity is part of systemic health. Food and nutrition have a profound impact on overall health and well-being, and have specific influences on the health of the oral cavity as well. At the conclusion of this course, the student should have a working vocabulary in nutrition; understand the links between nutrition, health, and disease; and be able to apply the concepts learned in this course to patient diagnosis and treatment planning taught later in the curriculum. 0-100 (DENT) Begin 2001D

DENU 2624 Practice Management II (0.5 Credits)

The goal of this course is for dental students to integrate the theoretical with the practical aspects of practice management. 0-100 (DENT) Begin 2001D

DENU 2811 Dental Anesthesiology (1 Credit)

This course introduces students to the wide spectrum of pain and anxiety control in dentistry. During this course, students establish a basic understanding of additional techniques available to the dental practitioner to cope with the problems of anxiety and fear common in patients. The techniques learned are not only used for the purpose of aiding the fearful dental patient, but also for the prevention of medical emergencies in the dental office by attenuating the potentially harmful effects associated with stress response. A large portion of this course concentrates on training of nitrous oxide inhalation sedation. 0-100 (DENT) Begin 2001D

DENU 3706 Differential Diagnosis-Soft Tissue (1 Credit)

This course assists students in establishing a differential diagnosis for soft tissue pathoses occurring in the oral and paroral regions. This course is designed to present an orderly and sequential approach to the formulation of a working diagnosis. This involves learning the classification system of lesions, the characteristic features of these lesions, the relative incidence of these conditions, and the gender, age, anatomical site, and ethnic predilection of patients. Students learn to describe the characteristics of the more common oral and head and neck lesions. In addition, students provide at least three reasonable differential diagnoses for each lesion based on clinical description, symptomatology, and epidemiological data. Students also learn to formulate an appropriate treatment plan derived from the working diagnosis. 0-100 (DENT) Begin 2001D

DENU 3707 Differential Diagnosis-Hard Tissue (1 Credit)

This course assists students in establishing a working diagnosis based on the radiographic findings of patients affected by lesions or conditions involving the teeth, jaws, and adjacent oral anatomy. This course is designed to present an orderly and sequential approach to the formulation of a radiographic differential diagnosis. A differential diagnosis is obtained by including or excluding certain lesions or conditions based on their radiographic manifestations and clinical presentation. When coordinated with a patient's history and other pertinent clinical and laboratory data, a working diagnosis usually can be established. In many instances a biopsy and/or surgical treatment may be indicated. 0-100 (DENT) Begin 2001D